(1) பக்கங்களின் எண்ணிக்கை 106.

(2) புதுக்கித் திருப்பிய நாள் ஜூன் '88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப் பணித் துறை

அரசாணை எண். ~~மு. கோப்புத் தாள் எண்.~~ 1069 W அச்சகம் ~~பலவகை~~

(Public Works Dept)

நாள் : 9-4-1888 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 8th August 1887, No. 330 E.W.

With reference to G.O., No. 1970 W., of 23rd July 1887, regarding works required at the Lawrence Asylum, Lovedale, I have the honor to submit an estimate, amounting to Rs. 12,350, for a revised scheme of supply, prepared by the present Executive Engineer, Mr. W. B. deWinton.

2. Major Smith's scheme, submitted May 1886, was estimated to cost Rs. 17,700. Mr. deWinton finds that the section of piping (3" and 2") then proposed was larger than necessary, and that by substituting 2" piping all the way and a reduced rate per ton of Rs. 140 (instead of Rs. 240) for the piping, he can, with some minor alterations in regard to the position and levels of the reservoir and service cisterns, &c., provide a complete water-supply scheme for the Asylum at a considerably reduced cost.

3. I sent the Executive Engineer's letter, No. 1233 of 13th July 1887, which, with the report accompanying the estimate, affords full information in regard to the proposals now made and the alterations on Major Smith's design, which design was rejected by the Military authorities on the ground of expense.

4. In paragraph 11 of the report Mr. deWinton mentions that the present system of supply, by which water is pumped up to the Asylum buildings, costs Rs. 85 per month, so that the cost of the new scheme would be recovered within fifteen years and prove a great saving in expense to the Asylum.

5. In paragraph 4 of the Government order above mentioned Government desired that certain approximate estimates might be submitted with the detailed scheme of water-supply. Those approximate estimates have not yet been received and the Executive Engineer has been requested to report when they may be expected.

From the Reverend O. DENE, B.A., Principal and Secretary, Lawrence Asylum, to the Chief Secretary to Government, dated Lawrence Asylum, 3rd December 1887, No. 1235. (Through the Secretary to Government, Public Works Department.)

With reference to G.O., dated 23rd July 1887, No. 1970 W., Public Works, requesting the Committee to reconsider the question of the hospital accommodation to be provided for the Male Asylum, in communication with the Surgeon-General with the Government of Madras, and of other proposed works, marginally noted, I have the honor to forward, by their direction, their views thereupon.

1 Letter from Surgeon-General, dated 31st August 1887, No. 0/47.
1 Statement of probable cost of works and improvements.
1 Sketch of cottage hospital.
1 Report *re* alterations and other works.
3 Estimates.
1 Plan of proposed additions to the Female Branch buildings (sent by parcel post.)

The opinion of the Surgeon-General is that, in addition to the alterations necessary for converting the existing hospital wards into a convenient hospital, a cottage hospital should be built.

The estimated cost of alterations and the addition of a cottage hospital is Rs. 16,000.

The estimate for a new hospital, which was sanctioned (G.O., dated 30th May 1887, No. 1465 W.) is Rs. 18,200.

The Committee, after having carefully reconsidered the whole question, are of opinion that the original proposal of the Committee is preferable to the alternative plans for the following reason, viz., that a large proportion of the diseases, from which the boys have suffered during the last ten years, have been of such a nature as to require segregation. For this reason the Surgeon-General recommends the provision of a separate hospital, the estimated cost of which is Rs. 14,000. The adoption of this plan will involve extra expenditure on account of establishment and contingencies, and the Committee are of opinion that the advantage of excluding all the sick from the main building and having a separate hospital would more than compensate for the difference of Rs. 2,000 between the estimates.

They would further beg to suggest that should sanction be given for a new hospital, the present hospital wards could be used as dormitories for the nursery boys, and then their present dormitories would be available for a school-room and a play-room. At present, in wet weather, they have not any place to play in, excepting the corridor between their dormitories.

The Committee observe that if the revised rules submitted for the orders of Government are sanctioned, the number of boys will be increased, as the children of Volunteers will be admissible.

The Committee beg to point out that the expenditure regarding hospital accommodation, and referred to above, will nearly exhaust all available funds.

In paragraph 6 of his letter under reference, the Surgeon-General strongly objects to the scheme of the medical officer to a system of drainage by which the existing latrines would be converted into water closets, &c.

The Committee fully agree with the Surgeon-General.

The Surgeon-General is of the same opinion, and has approved of a new site, and also of the plan for the construction of new latrines, the estimated cost of which is Rs. 4,200.

The Committee accept the views of the Surgeon-General.

A plan for the additional accommodation specified by Government, at an estimated cost of Rs. 20,000, is herewith forwarded.

Whether the existing hospital wards cannot, with slight additions, be made a sufficiently convenient hospital, affording adequate accommodation.

The Government suggest that the number of boys is likely to be still further reduced.

Government observe that any funds which can be spared for new buildings should be devoted to the Female, rather than the Male, Asylum.

Whether the existing latrines should be converted into water closets, &c.

Government suggest a doubt whether the present latrine is not at too great a distance from the buildings.

Government wish to be informed at what cost the Female Asylum can be enlarged, so as to accommodate 25 more girls, and the Committee are asked to decide how the existing buildings can be enlarged.

The average cost of a girl for the past ten years has been Rs. 262 per annum. The cost, therefore, of 90 girls, *i.e.*, 25 in addition to the present number, would be Rs. 23,580, the income being Rs. 18,500. Thus, with the additional 25 girls, the expenditure over income would be Rs. 5,080 per annum.

But, should the fixed deposit (Rs. 20,000) be expended upon buildings, the income would be reduced by Rs. 800 per annum, *i.e.*, to Rs. 17,700.

In these circumstances the Committee are unable to recommend any extension to the present accommodation for girls.

The Committee are informed that the water-supply project, referred to in paragraph 4 of the Government order in question, is before Government. They are not, therefore, in a position to express their views thereupon.

What additional establishment will be required?

ORDER—dated 9th April 1888, No. 1069 W., Public Works.

The estimates enclosed in these papers for works at the Lawrence Asylum, Lovedale, have been submitted in compliance with G.O., No. 1970 W., dated 23rd July 1887.

2. The following is a brief description of the several estimates :—

		RS.
(i)	Altering the existing hospital wards	2,000
(ii)	Constructing a separate cottage hospital for infectious cases ...	14,000
(iii)	Constructing a latrine for the boys	3,000
(iv)	Converting the present boys' latrine into a servants' latrine ...	1,200
(v)	Constructing an open drain	500
(vi)	Water-supply scheme	12 350

3. A plan is also submitted, showing how the girls' school may be enlarged to accommodate twenty-five more girls. The approximate cost is set down at Rs. 20,000.

4. The Committee's views on the several suggestions made by Government in Order, No. 1970 W., dated 23rd July 1887, are set forth in the Principal's letter of 3rd December 1887.

5. With respect to estimates (i) and (ii), the Government have no difficulty in coming to the conclusion that a single hospital, costing about Rs. 18,000, is preferable to a cottage for infectious cases, estimated at Rs. 14,000 *plus* an expenditure of Rs. 2,000 for repairs and alterations in the main building. They are therefore of opinion that the sanction accorded in G.O., No. 1465 W., dated 30th May 1887, and subsequently held in abeyance, for constructing a separate hospital for the boys' school should now be revived; but, on considering the plan sanctioned in May 1887, it appears to the Government to be defective in some respects. There should in the opinion of the Government be no special wards in the main building, and all wards should be supplied with fire places. In the climate of Ootacamund a verandah on three sides of a building seems unnecessary.

6. Estimates (iii), (iv) and (v) are approved, and the Government are of opinion that the water closet scheme referred to in paragraph 2 of G.O., No. 1970 W., dated 23rd July 1887, need not be further considered.

7. Estimate (vi) for a new water-supply scheme, though countersigned by the Principal, does not appear to have been laid before the Asylum Committee. It has been examined in the Chief Engineer's office and may be accepted as satisfactory.

8. The proposal to enlarge the girls' school will be dropped for the present, as it appears from the Principal's letter that no funds are available for the work.

9. With these remarks, the plans and estimates now submitted, as well as those for a separate hospital for the boys' school, will be referred for consideration to the new Committee recently appointed under orders in the Educational Department.

10. If the water-supply scheme be approved, the Government of India will be requested as a special case to allot funds for its execution from the Military Works grant.

(True Extract.)

(Signed) J. O. HASTED, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Educational Department, with plans and estimates.
" Military Department, with copies of Proceedings, No. 1465 W., dated 30th May 1887, and No. 1970 W., dated 23rd July 1887.

Exd. J. Moses
Spare Copies

1069/3

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated April, 9th.

Encl.

Recd.

G.O., 9th Apr. 1888, No. 1069 W.

APRIL.

Lawrence Asylum, Ootacamund

Orders referring, with remarks, for the consideration of the new Committee of the —, certain plans and estimates for additional hospital accommodation and the latrine and drainage arrangements at the institution.

30th May 1887, No. 1465 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 2nd May 1887, No. 184 E.W. :—

As directed in paragraph 1339 of the Public Works Code, I have the honor to forward, for Government sanction before the work is put in hand, a plan and estimate, amounting to Rs. 18,200, for constructing a hospital with out-houses for the Male branch, Lawrence Asylum, Ootacamund, together with a report and duplicate abstract of the estimate.

2. I also enclose the correspondence noted in the margin, from which you will observe that the plan and estimate have been approved by the Asylum Committee, who also desire this department to undertake the execution of the work, stating that the President and Secretary of the Committee will make all disbursements from the Asylum funds on passed bills.

Enclosures—
1 to 4 to letter, No. 3734, of 23rd March 1887, from Executive Engineer.
1 letter, No. 42, of 11th April 1887, from Principal, Lawrence Asylum.

3. The Asylum Committee further ask Government to exempt them from the payment of the usual percentage for superintendence and tools and plant (*vide* letter of the Principal, No. 42, of 11th instant).

No. 107 D.

The plan and estimate are submitted for the approval of Government in the Educational Department, prior to sanction in the Public Works Department.

2. The site plan has been submitted, but it is understood that the question of the best site for the hospital is under consideration by the School Committee, and will be settled shortly.

13th May 1887. (Signed) J. O. HASTED, Colonel, R.E.,
Secy. to Govt., P.W.D.

G.O., dated 21st May 1887, Mis. No. 262, Educational.

Endorsement of the Public Works Department, dated 13th May 1887, No. 107, forwarding, for approval, plan and estimate for constructing a hospital with out-houses for the Male branch, Lawrence Asylum, Ootacamund.

Order—dated 21st May 1887, Mis. No. 262, Educational.

The plan and estimate are approved by Government in the Educational Department.

(True Extract.)

(Signed) H. E. STOKES,
Ag. Chief Secretary.

ORDER—dated 30th May 1887, No. 1465 W., Public Works.

The estimate, amounting to Rs. 18,200, for constructing a hospital for the Male branch, Ootacamund Lawrence Asylum, is sanctioned for execution by the Public Works Department in accordance with the rules prescribed in paragraph 1342 of the Public Works Code. With reference to rule II in that paragraph, no charge will be made to the Asylum Committee on account of establishment and tools and plant.

2. G.O., No. 3281 W., dated 12th December 1882, is cancelled.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with eight enclosures.
„ Examiner, Public Works Accounts, with duplicate abstract estimate.
„ Educational Department.

Exd. P. L. Pereira.
Spare Copies

1088/5

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras.

PUBLIC WORKS.

Dated May, 30th.

Recd. *Encl.*

EXECUTIVE ENGINEER'S OFFICE
GEN'L NO. [illegible]
10 JUN 1887
P.W.D.
NILGIRIS.

G.O., 30th May 1887, No. 1465 W.

MAY.

Lawrence Asylum, Ootacamund

Estimate of Rs. 18,200 for constructing a hospital for the Male branch —, sanctioned for execution by the Public Works Department without any charge on account of establishment and tools and plant.

10/6

P. W. D.

No. 1233

NILGIRI DIVISION OFFICE,
STATION Ootacamund
13th July 1887.

N.B.—Please quote the number and date of this letter in future communication on the subject.

FROM
W. B. de Winton Esqr
~~THE~~ EXECUTIVE ENGINEER,
NILGIRI DIVISION,
OOTACAMUND,

TO
THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
COIMBATORE.

Enclosures. 9

1 Estimate
1 Duplicate Absts
1 Report.
1 Tracing levels
4

Old papers

1 Estimate
1 Report
1 Sheet levels
1 Plan g tank
1 Survey.
5

SIR,

With reference to your No. $\frac{536}{N.I.}$ of 18th August 1886, I have the honor to resubmit herewith the Plan and Estimate for the Lawrence Asylum Water supply.

2. I have gone into the question very carefully and find that a complete system can be supplied @ a cost of Rs 12,350 or Rs 5,350 less than Major Smith's Estimate.

3. The details of the scheme I now submit, are fully explained in the Report attached; so I will only point out here

the main points of difference between Major Smith's scheme and mine.

4. In the first place he provided a masonry Cistern at the head of the Water supply which only impounded 2 streams out of the 6 which now supply the Asylum with water. I was afraid this might mean failure of supply in the dry weather; so I have provided for throwing an earthen bund across the ravine at a point about 300' below the proposed site of the Cistern, by which means I impound 4 streams out of the 6, and these the most important. The cost of this is Rs. 2370 as compared with Rs. 550 allowed by Major Smith, but I think it is a very necessary expenditure.

5. Secondly - I have reduced Major Smith's piping both in size and cost. You may consider a 2" main throughout too small, but calculations prove that with the head available, it will discharge double the

Quantity

quantity of water required. Major Smith allowed Rs. 12 per cwt or Rs. 240 per ton for his pipes inclusive of laying. As Messrs. Richardson and Cruddas have supplied the pipes for the Ooty water supply @ Rs. 140/ per ton I have entered Rs. 150 in my Estimate, and provided separately for laying.

6. Thirdly - I have abandoned Major Smith's Cistern in the yard at Boys School, and provide instead for constructing one in the Tower at a height of 55 feet from the ground so as to get water by direct flow to every part of the building. I understand from the Principle that the foundations of the Tower are very solidly built and its superstructure is undoubtedly capable of supporting this additional weight. The only objection to this arrangement

is that the size of the Tower cistern is necessarily limited by the size of the Tower, and it is therefore smaller than I should otherwise make it.

7. Fourthly — I have struck out a number of stand pipes provided by Major Smith and propose instead to run the piping along the walls of the Boys Lavatory &c. at a height of 3 feet from the ground, secured by staples and have Tee pipes and push cocks branching from it wherever necessary. This arrangement is much cheaper and quite as effective

8. Every building in connection with the Lawrence Asylum will be supplied with water except the Boys Swimming bath, the Principals' Stables, and the farm yard and Serjeant Perkins quarters; and these can be supplied by direct flow by the existing system which will still be fed by the 2 streams not impounded and by the overflow from the Reservoir above the new bund.

9. I have taken Major Smiths levels
and distances as correct.

10. The Estimate &c. has been Submit
-ted to the Principal for approval and
bears his countersignature. If there i
any prospect of funds being available i
current year I beg that I may have early
intimation of the fact that I may order the
pipes.

I have the honor to be
Sir
Your most obedient Servant.

Executive Engineer N. D.

Note: This letter was written
after scheme prepared
before the orders for the aban-
-donment of the Hospital
were recd. but as the Convalescent
Ward will have to be supplied
I have made no alteration H.B.

WD
13/7.

1065/9

From

The Executive Engineer,
Nilgiri Division,

SUPG: ENGINEER'S
No. 513 N.D.
15 JUL. 87
P.W.D.
FOURTH CIRCLE

To

The Superintending Engineer,
Fourth Circle,

Enclosure No. 8 of a letter
No 330 of 8th August 1887
from the Supdg. Engineer
4th Circle

Dated 13
Despatched 13 } July 1887.
Received

E.1

No. 1233

Enclosures. 9

Subject.

Lawrence Asylum Water Supply — submits revised ~~Est~~ scheme for Rs 12350/ for sanction.

Enclosure No. [illegible]

No. 3622.

Nilgiri Division Office
14th March 1887

From
The Executive Engineer
Nilgiri Division.

To
The Principal
Lawrence Asylum

Sir,

In reply to your No. 1933 of 11th instant I have the honor to request that you will inform me from what funds it is proposed to construct the Hospital and to whom I am to look for payment for work executed.

2. I find that before I can undertake the execution of the work I must obtain the permission of Government thereto, and must submit the plan and estimate for their approval.

3. This will entail some little delay, but there is no reason why you should not, however, commence the preparation of the following materials required for the work.

Blue metal for concrete 90 cyds
Table moulded bricks - 2½ lacs.

Pan tiles. 75,000
Ver teak 450 Cft
Lime -- 1400 parahs or 120 Cyds
Sand -- 2800 - Do - or 240 Do

204
MAR 87
2

4. I await your reply to the first para of this letter before communicating with Government.

Enl 341/
No 3
P/337/

I have &c &c

Signed/ W.B. de Winton
Executive Engineer

SUPG: ENGINEER'S OFFICE
No. 4864
6 - JUN. 87
P.W.D.
FOURTH CIRCLE

Encl 3

(True Copy)
By order
Accountant
For Executive Engineer N. Divn

W.B.C
23/3

Enclosure No 2 to letter

No. 1933. Lawrence Asylum
11th March 1887.

1069/
11

To
The Executive Engineer
P.W. Department,
Ooty,

Sir,

I have the honor to acknowledge the receipt of your letter No 3481 of the 3rd instant, and in reply to state that the Committee of Management, at their meeting on the 8th instant, decided to build a Hospital in accordance with the Plans and Estimate enclosed herewith, and I am directed to request you to be so good as to undertake and carry out the work.

There is one slight alteration to be made in the plan, and to which I beg to invite your attention. The medical Officer is of opinion that the special wards at the back of the main building should be detached, and built by some 30 or 40 feet, on either side of the kitchen & godowns.

I have &c &c
Sigd/ E. Dene
Principal Secy.

(True copy)
By order
Accountant
For Executive Engineer

W.B.C
23/3

SUPG: ENGIN
NO. 2048
25 MAR. 87.
F.
FOURTH C

SUPG: ENGINEER'S OFFICE
NO. 4864
6- JUN. 87
P. W. D.
FOURTH CIRCLE

Enclo. 6

EXECUTIVE ENGINEER'S O
GEN'L NO.
JUN 1887
P. W. D.
NILGIRIS.

Enclosure No 4 to Letter No [illegible]

Ootacamund Lawrence Asy
No 1968 dated 12 March 18

To
The Executive Eng
P. W. Dep
Oo

Sir,

In reply to your No 3622 of the instant, I have the honor to inform you that

(a) The money for the construction of the Hospital will be met from Asylum funds.

(b) The Principal and Secretary will m all disbursements on passed bills for w executed.

2. I will arrange for the preparation of the materials required for the works as noted in para 3 of your letter under reply.

I have etc &c

Sigd O Deme
Principal and Secy

(True Copy) / By order /

Accountant

for Executive Engineer

W.D.G.
23/3

1069/13

2 MAR 87

SUPG: ENGINEER'S OFFICE
No. 4864
6- JUN. 87
P.W.D.
FOURTH CIRCLE

Circle 7

Encl 341/87

3376

EX. ENGINEER'S OFFICE
GEN'L NO.
10 JUN 1887
P.W.D.
NILGIRIS

SUPDG: ENGINEER'S OFFICE
NO.
6 JUN. 87
P.W.D.
FOURTH CIRCLE

Enclosure No. 5 to 9 of letter No. 184/E.W dated 2nd May 1887 from the Supdg: Engineer 4th Circle.

1465 W

EXECUTIVE ENGINEER'S
GEN'L NO.
10 JUN 87
P.W.D.
NILGIRIS

Hospital with out houses for the male Branch Lawrence asylum Ootacamund—

Correspondence connected with the—

Telegram recd 21.2.88

1065/14

From
Triplicane
Chief Engineer

To
Ootacamund
The Executive Engineer
P.W. Department

Please send to the Military Secretary to the Commander-in-chief Madras the plan of Hospital for male Lawrence Asylum sanctioned in G.O. 1465 W. dated 13th May 1887.

(True Copy)

No. 3297

Enclo: 8
1. Plan
1. Detailed Estimate
1. Abstract -do-
1. Report
3. Copies of Letters
1. G.O. No. 1465 W/30-5-87
8

Communicated to the Milit
Secretary to H.E. the Commander-in-
with documents noted in the margi
information and favor of return wh
no longer required.

Ootacamund
21 February 88

Executive Engineer S.D.

List of plans and estimates sent to the Educational Deptt.

1. Plan of a hospital proposed to be built for the male branch Lawrence Asylum at Lovedale. connected with C no 3376/87

2 Report to accompany the estᵉ for Lawrence Asylum Hospital connected with C no 3376/87

3 Detailed estimate connected with C no 3376/87

4 Abstract estimate connected with C no 3376/87

5 Sketch plan for cottage Hospital at Lawrence Asylum approximated cost Rs 14000 connected with C no 10021/81

6 Detailed estᵉ for converting existing latrine into servants latrine at Lawrence Asylum at Ooty connected with ~~C no~~ C no 10021

7 Abstract estᵉ for converting the existing latrine into servant latrine at Ooty amounting to Rs ~~1000~~ 1200 connected with C no 10021

8 Detail estᵉ for altering the existing Hospital wards at the Law Asylum Ootyᵉ

with C no 1002 f 87

9 abstract este for the above works — connected with C no. 10021 amount of the este (Rs 2000)

10 detailed estes of construction an open drain from Ketteri to the Lawrence Asylum Ootacamund connected with C no 1002 f 87

11 one abstract este for do — do connected with C no 1002 f 87

12 1 Statement showing the probable cost of new works and improvements proposed at the Lawrence Asylum Lovedale prepared at the request of the committee Connected with C no 1002 f 87

13 one Report to accompany letter no 1008 of 3-10-87 to Principal Lawrence Asylum connected with C no 1002 f 87

C no ~~do~~ 620 f 87

(14) 1 survey of Lawrence Asylum showing proposed line of water supply piping

1069/16

15 Levels of main supply line —

16 — do — do

17 cross section of ~~state~~ site of land of Lawrence Asylum

18 Report to accompany estimate for water supply to Lawrence Asylum Ooty

19 one general abstract of Rs 12350 for water supply to the Lawrence Asylum at Ooty

20 1 abstract este for do

21 1 detailed este for do

Through the Committee [illegible] Asylum.

OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,
~~Fort St. George~~ Ootacamund, 31st August 1887.

No.

From G. Bidie, Surg. Genl., C.I.E.

THE SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
~~Fort St. George~~
Ootacamund,

To
The Secretary to Government
Public Works Department.

PRINCIPAL LUNATIC ASYLUM
2 SEP 87
OOTACAMUND

SIR,

With reference to G.O. No. [illegible] dated 27th July 1887, I have the honor to submit the following remarks on the several points on which my opinion is invited, in connection with the hospital accommodation and disposal of the excreta, on the male side of the Lunatic Asylum.

1. Hospital accommodation. — The existing hospital for the Asylum consists of 3 wards, two of which are on one side and one on the other of a corridor in the second block, and not disposed with reference to their surgery and other parts of the building, that only one side of each ward is exposed to the fresh air, so that free ventilation is thus obstructed and impossible. Another drawback is that the ward doors of it [illegible] immediately over two dormitories [illegible] by the patients [illegible] corridor [illegible]

by them as a play-room in wet weather. To this arrangement there are the objections that it is impossible to secure the necessary quiet for the sick, while they, in consequence of their proximity, would in certain cases be a source of danger to the healthy children on the ground floor. The bath and latrine provision for the hospital is also badly arranged and is inadequate.

In short it is evident that the rooms in question were never intended for the treatment of the sick, but [illegible] for [illegible] and [illegible] hospital [illegible] alterations [illegible] hospital purposes. [illegible] but I would further suggest, that the whole of the upper storey [illegible] be shut off from the rest of the building [illegible] [illegible] with regard to the [illegible] of infectious diseases, I find on referring to the [illegible] history of the boys, that [illegible] typhoid fever is by no means [illegible] will be found as [illegible]

the [illegible] from which the boys have suffered during each of the past [illegible] years [illegible] this it is very [illegible] that certain [illegible] conditions [illegible] operations but that [illegible] for segregating the sick are [illegible] in [illegible] by [illegible] of defective [illegible] would [illegible] point to the cause of typhoid fever and [illegible] further [illegible] that the [illegible] and dysentery in such a locality is sufficient. For the treatment of most of the diseases specified in the appendix, separate [illegible] is necessary, and the requirements would be fully met by a cottage with two rooms capable of accommodating four patients each, and a third room for a nurse. The other essentials for the whole would be good ventilation, means of warming in cold weather and keeping cool in hot, and arrangements for the disposal of excreta and slops and for the disinfection of bedding and clothing.

6. The next question under reference is [illegible] propriety or otherwise of [illegible] for the dry method of deal

my opinion the present day system is best adapted for the requirements of the Asylum, and the defect as regards the health of the [illegible] institution, both in England, where the general work connected with water closets evidently can be carried out with sanitary precautions, the water system is fraught with many dangers. The chief objections to its introduction at the Lunatic Asylum are inadequate supply of water, risk of reflux of foul air from the pipes, with the difficulty of safely disposing of the sewage. Even if according an estimate of the existing water supply at the most favourable season of the year, I am of opinion that this would be insufficient. The amount allowed by the London water companies for each flush of closet is two gallons, but experience has shown that not less than three gallons are required to keep the soil pipes of each closet moderately clean, and probably 10 times that quantity per head would be needed to flush the main pipe daily. To these difficulties [illegible] be added the dangers of foul air in [illegible] difficulty of disposing [illegible] sewage [illegible]

1089/19

[illegible] Ex. Engineer

some of the hill streams or creating some other nuisance. Some of the most advanced sanitarians of the day are now entirely against dealing with excrement by means of water carriage, as it thus undergoes highly obnoxious putrefactive changes to which it is not liable when buried in the ground.

7. As regards the site of the present latrine it is in my opinion too far from the main buildings, and rather difficult of access especially for young children. It would therefore be an improvement to have new latrines erected as proposed near the edge and below the level of the platform.

8. One very pressing want is the conveyance of the water from the reservoir to the Asylum buildings in pipes, as during its rather long and circuitous course in the existing open channel it is open to pollution and is constantly defiled in various ways. The periodical occurrence of typhoid fever is indicative of some sanitary defect, and is probably due to polluted water; but there is another prominent source of danger,

and

I have the honor to be,
Sir,
Your most obedient servant,
M.B. C.I.E.
Surgeon General
with the Govt. of Madras.

Lawrence Asylum. Male Side.

Years.	Measles		Chicken Pox		Typhoid fever		Other fevers.		Conjunctivitis		Dysentery		Diarrhœa		Average daily sick	
	A	D	A	D	A	D	A	D	A	D	A	D	A	D	In	Out.
1876-77	19	"	13	"	10	2	7	"	13	"	11	"	1	"	5.09	3.04
77-78	105	1	13	"	"	"	5	"	207	"	7	"	2	"	9.1	2.9
78-79	"	"	7	"	4	"	7	"	16	"	5	"	1	"	2.38	6.96
79-80	"	"	8	"	3	1	7	"	32	"	6	1	"	"	2.54	3.99
1880-81	"	"	16	"	"	"	1	"	60	"	"	"	"	"	3.34	7.34
1881-82	"	"	18	"	"	"	11	"	71	"	4	"	"	"	5.5	12.8
1882-83	"	"	10	"	"	"	8	"	12	"	2	"	"	"	2.22	10.8
1883-84	100	2	3	"	"	"	1	"	47	"	9	"	2	"	7.2	
1884-85	"	"	1	"	5	2	13	"	84	"	27	"	11	"	6.58	
1885-86	11	"	28	"	1	1	13	"	38	"	5	"	3	"	6.42.	

1065/70

× Inclusive of Debrienta.

Ootacamund
1st August 1887

M.B.
Surgeon General with Govt.

1064
21

Thro' the Committee Lawrence asylum.

Public Works. (1887) DEPARTMENT.

From G. Bidie, Esqr. M.B., C.I.E.
THE SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
~~Fort St. George.~~
Ootacamund.

No. 3/473

Dated 31st } august 1887.
Recd. }

No.

SUBJECT.

Submits remarks with regard to the hospital accommodation for the male side of the Lawrence asylum Ootacamund.

Superintending Engineer's Office 4th Circle.

Coimbatore, 8th Augt 1887.

1068/22

No. 330/EW

FROM,
COLONEL J. BEATTY R. E.,
SUPERINTENDING ENGINEER,
FOURTH CIRCLE.

TO,
The Chief Engineer,
P. W. Department.

SIR,

Encls. 8

1 Survey
2 Sheets of Sections.
1. Section of the band.
1. Report
1. General abstract.
1. Estimate with abstract &c.
1. Letter from the Exe: Engr. Nilgiri Division.

8

With reference to G. O. No. 1970 W of 23rd July 1887, regarding works required at the Lawrence Asylum, Lovedale, I have the honor to submit an estimate amounting to Rs. 12,350, for a revised scheme of supply, prepared by the present Executive Engineer, Mr. W. B. de Winton.

2. Major Smith's scheme submitted May 1886, was estimated to cost Rs 17,700. Mr. DeWinton finds that the section of piping (3" and 2") then proposed was larger than necessary, and that by substituting 2" piping all

the way and a reduced rate per ton of Rs. 140 150 (instead of Rs 240) for the piping, he can, with some minor alterations in regard to the position and levels of the reservoir and service cisterns &c, provide a complete water supply scheme for the asylum at a considerably reduced cost.

3. I send the Executive Engineer's letter No. 1233 of 13th July 1887, which with the report accompanying the estimate affords full information in regard to the proposals now made and the alterations on Major Smith's design, which design was rejected by the Military authorities on the ground of expense.

4. In para 11 of the Report Mr. De Winton mentions that the present system of supply, by which water is pumped up to the Asylum buildings, costs Rs. 85 per month, so that the cost of the new scheme would be recovered within 15 years and prove a great saving in expense to the Asylum.

5. In para 4 of the G.O. above mentioned, Government desired that certain approximate estimates might be submitted with the detailed scheme of water supply. These approximate estimates have not yet been received and the Executive Engineer has been requested to report when they may be expected.

I have the honor to be,
Sir,
Your most obt Servt,

F. Beatty. Colonel R.E.
Superintending Engr 4th Circle.

F.

G.O. 1970 W. 23.7.87
" 1084 W. 29.4.86

P.W. No 6201

(7)

From
COLONEL J. BEATTY R.E.,
SUPERINTENDING ENGINEER,
FOURTH CIRCLE.

Dated. } 8th Augt. 1887.
Recd. }

No. 33/Genl

Enclo: 8
(1 plan)

Lawrence Asylum
Lovedale:—

Submitting an estimate of Rs: 42350 for a revised scheme of water supply for the with observations; and stating that the approximate estimates of the other works mentioned in para of the G.O. under reply will be submitted when received.

Ch: Secy 15/12

o.25 19/11 Ch: Secy 5.4.88 H.M. 6.4.88
Ret: 7-4-88

Q. 16.8.87

1068/211

41

Through the Secretary to Government
Public Works Department.

Lawrence Asylum
3rd December 1887

No. 1235

From
The Principal Secretary,
Lawrence Asylum.

To
The Chief Secretary
to Government
Madras.

Sir

With reference to G.O. dated 23rd July 1887, No. 1970 W., Public Works, requesting the Committee to reconsider the question of the hospital accommodation to be provided for the Male Asylum, in communication with the Surgeon General with the Government of Madras, and of other proposed works,

2nd paper D[illegible]

marginally noted, have the honor to forward, by their direction, their views thereupon.

1 Letter from Surgeon General Dd. 1 Aug/87. No 0/47.
1 Statement of probable cost of works & improvements.
1 Sketch of Cottage hospital.
1 Report re alterations and other works.
3 Estimates.
1 Plan of proposed additions to the Female Branch buildings (sent by Parcel Post).

The opinion of the Surgeon General is that, in addition to the alterations necessary for converting the existing hospital wards into a convenient hospital, a cottage hospital should be built.

The estimated cost of alterations and the addition of a cottage hospital is Rs16,000.

The estimate for a new hospital, which was sanctioned (G.O. dated 30th May 1887, No 1465 W.) is Rs 18,200.

The Committee, after having carefully reconsidered the whole question, are of opinion that, the original

Whether the existing hospital wards cannot, with slight additions, be made a sufficiently convenient hospital, affording adequate accommodation.

proposal of the Committee is preferable to the alternative plans for the following reason, viz- that a large proportion of the diseases, from which the boys have suffered during the last 10 years, have been of such a nature as to require segregation. For this reason the Surgeon General recommends the provision of a separate hospital, the estimated cost of which is Rs14,000. The adoption of this plan will involve extra expenditure on account of establishment and contingencies, and the Committee are of opinion that, the advantage of excluding all the sick from the main building, and having a separate hospital would more than compensate for the difference of Rs2,000 between the estimates.

They would further beg to suggest that, should sanction be given for a new hospital, the present hospital wards could be used as dormitories for the nursery boys, and then their present dormitories would be available for a school room, and a play room. At present, in wet weather, they have not any place to play in, excepting the corridor between their dormitories.

The Committee observe that if the revised rules, submitted for the orders of Government are sanctioned, the

The Government suggest that the number of boys is likely to be still further reduced.

number of boys will be increased, as the children of Volunteers will be admissible.	
The Committee beg to point out that, the expenditure regarding hospital accommodation, and referred to above, will nearly exhaust all available funds.	Government observe that any funds which can be spared for new buildings should be devoted to the Female, rather than the Male Asylum.
In para 6 of his letter under reference, the Surgeon General strongly objects to the scheme of the Medical Officer to a system of drainage, by which the existing latrines would be converted into water closets, &c. The Committee fully agree with the Surgeon General.	Whether the existing latrines should be converted into water closets, &c.

The Surgeon General is of the same opinion, and has approved of a new site, and also of the plan for the construction of new latrines, the estimated cost of which is Rs 4.200. The Committee accept the views of the Surgeon General.	Government suggest a doubt whether the present latrine is not at too great a distance from the buildings.
A plan for the additional accommodation specified by Government, at an estimated cost of Rs 20,000, is herewith forwarded.	Government wish to be informed at what cost the Female Asylum can be enlarged, so as to accommodate 25 more girls, and the Committee are asked to decide how the existing buildings can be enlarged.

The average cost of a girl for the past 10 years has been Rs 262 per annum. The cost, therefore, of 90 girls, i.e. 25 in addition to the present number, would be Rs 23,580, the income being Rs 18,500. Thus, with the additional 25 girls, the expenditure over income would be Rs 5,080 per annum. But, should the fixed deposit (Rs 20,000) be expended upon buildings, the income would be reduced by Rs 800 per annum, i.e. to Rs 17,700. In these circumstances the Committee are unable to recommend any extension to the present accommodation for girls.	What additional establishment will be required?

1068/31

The Committee are informed that the water supply project referred to in para 4 of the G.O. in question is before Government. They are not, therefore, in a position to express their views thereupon.

I have the honor to be
Sir
Your most obedt Servt.

Principal Secretary.

1069
38

G.O. 1970W d/ 23-7-87
No 295D " 4-7-87
G.O. 1465W " 30-5-87
" 746W " 19-3-84
" 191W " 22-1-84
" 1964W " 13-7-83
" 1184W " 20-4-83
" 3281W " 12-12-82
" 2977W " 29-11-81
No 454 " 6-9-81
" 1919W " 3-12-77
" 393W " 9-7-77
" 1195 " 6-4-77
" 109 " 11-1-77
" 1084W " 29-4-86

Thro' the Secretary to Gov
P. W. Dept.

P.W.C. No 16021

From
The Principal Secretary,
Lawrence Asylum

To
The Chief Secretary
to Govt.
Madras.

No 1235

Dated 3rd Decr 1887
Ry 7-12-87

E. 11
(+2 plans)

Cottage hospital and
other improvements –
views of the Committee
of Management of the
Lawrence Asylum
thereupon.

Ch: Secy 15/12

O.L.S 19/4 Ch: Secy 5.4.88. H.m: 6.4.88
m: 7.4.88

Q. 16.8.87

1063/33

(7)

Public Works Department.

Current No. 6201
Letter No. 330/S.W.
Dated the 8th August /87
From the S.E. IV Circle

11/16.8.87

NOTE OF REMARKS.

1. With reference to G.O of 23rd July 1887 the accompanying plans & estimate for water supply to the Lawrence Asylum Buildings at Ootacamund have been submitted.

The amount of estimate is Rupees 12,350.

2. The following is the length & size of pipes to be laid:–

6800 ft. of 2" diar. of Cast Iron main pipes
400 ft. of 1½" diar. of galvanized pipes
420 ft. of 1" diar. of – do – do
2380 ft. of ¾" diar. of do – do

but the survey plan prepared by Major Smith R.E. shows 3", 2", 1½" & 1" diaters. The present change & sizes of pipes are not correctly marked.

3. The details of the scheme submitted are fully explained in the report attached, the main points of difference between

16.8.87

between Major Smith's scheme and Mr De Winton are explained in the Nilgiri Executive Engineer's letter No 1233 of 13th July 1887.

4. Major Smith's scheme was estimated to cost Rs 17,700 by supplying 3" piping but Mr De Winton finds that piping (3" and 2") by Major Smith was larger than necessary. He therefore proposes that by substituting 2" piping all the way at a reduced rate per ton of Rs 150 (instead of Rs 240) for the piping he can with some minor alterations in regard to the position & levels of the reservoir & service Cisterns &c provide a complete scheme for the Asylum at a considerably reduced cost i.e. (Rs 17700 — 12350) = 5,350, less than Major Smith's estimate.

Through a clerical mistake in para 2 of the S.E's letter the rate for 2" piping is entered as Rs 140 per ton instead of Rs 150.

5. The rates for the earthwork & masonry work are fair, but those for pipes &c &c cannot be checked for want of a proper schedule.

6. Rs 1200 have been provided in the estimate for wrought iron tank on rolled beams including carriage & fitting.

Rs 100 for removing Jungle and benching.

Rs 1000 for unforeseen items.

7. Contingencies & Petty supervision are separately charged at 5 percent.

8. The plans have been countersigned by the Ag: Qr Mr General B.D. and the estimate by the Principal Lawrence Asylum.

~~For plans & Estimates~~
~~may be sanctioned.~~

15.8.87.

Public Works Department.

Current No. 10,021

Letter No. 1235

Dated ~~the~~ 3rd December 1887

From the Principal & Secy. Lawrence Asylum to the Chief Secy. thro' the Secy. to Govt. P.W.D.

NOTE OF REMARKS.

The estimate under review amounts to Rs 33,150 and provides for additions and improvements to the Lawrence Asylum at Ootacamund.

The following is a summary of the work proposed to be carried out.

√ I	Altering the existing hospital wards	Rs 2,000
II	Constructing a cottage hospital	" 14,000
III	Constructing a latrine for the boys	" 3,000
√ IV	Altering the existing latrine for a servants latrine and providing 5 small latrines of corrugated iron	1200
		20,200
		271

Brought forward Rs 20,200

V Laying on water " 12,350

VI Constructing an open drain – " 500

Total Rupees 33050

II & III are only approximate amounts for which no estimates have been furnished.—

In the Statement 6 showing probable cost an entry is made in pencil to the effect that alterations to the Girls School will cost Rs 20,000 and a plan of the proposed alterations is submitted. The Estimate (V) for laying on water was received with the Supg Engrs letter No 330 E.W. D/8th August 1887 and it is in the file.

The Estimate as it stands is incomplete for want of details for items II & III —

It is not understood whether it is intended to include the cost viz Rs 20,000 for alterations to the Girls School in the Estimate if so the details should also be furnished with those of items II & III —

In G.O. No 1790 D/23rd July 1887 the Government resolved to request the Committee, Ootacamund Lawrence Asylum, to reconsider the question of the proposed hospital accommodation for the Male Asylum in communication with the Surgeon General with the Govt. of Madras.

It was also observed by Govt. that it

as a question deserving careful attention whether the existing hospital wards could not with slight addition be made a sufficiently convenient hospital affording adequate accommodation and expressed a desire that any funds that could be spared should be devoted to the female asylum rather than the male asylum, and the Govr: asked to be informed at what cost the female asylum could be enlarged to accommodate 25 more girls –

2 The Govt considered it doubtful whether the scheme brought before Govt: for

a system of drainage by which the existing latrines were to be converted into water closets and all drainage water was to be conveyed by closed pipes to a distance from the buildings, could be carried out, even if the hot weather supply of water is or could be made available for the purpose, without incurring very considerable expenditure, but stated that it would be well to have an approximate Est: prepared and to ascertain the Surgeon General's views on the abandonment ~~of the abandonment~~ of the present system.

and that it should
be considered whether
it would not be
advisable to construct
new latrines at the
edge ~~the edge~~ of
the platform where
the present water
supply pipe is
brought to the
surface –

3 The Govt. requested
to be furnished with
approximate Estimates
for the works referred
to above and the
Committee decid
on the proposals.

The Surgeon General
with the Government
of Madras in his
reply No 4773 d/31st
August 1857 stated
that the Existing
hospital for
the boys consisted
of 3 wards and
were so disposed

with reference to the
Surgery and other
parts of the building
that only one side
of each ward
is exposed to the
open air, further
that the wards
are situated im-
mediately over
two dormitories
occupied by young
Children and a
Corridor used
by them ~~by them~~
as a play room
in wet weather
and that it is
therefore impossible
to secure the necessary
quiet for the sick,
that the proximity
of the dormitories
to the hospital
would in certain
cases be a source
of danger to the

healthy children on the ground floor; and that the bath and latrine arrangements are bad and inadequate, in that that the rooms were never intended for the treatment of the sick; but he has no objection to their being used for the reception of non-infectious cases provided such alterations be carried out that will render them better suited for hospital purposes, and suggested that in addition to the changes already indicated the whole of the upper storey now occupied as a hospital be shut off from the

rest of the building and a separate Entrance be provided, and that a cottage hospital consisting of 3 rooms be provided for the treatment of infectious diseases and for the accommodation of the nurse.

2 The Surgeon General states regarding the question as to the propriety or otherwise of substituting the wet for the dry earth method of dealing with excreta, that in his opinion the dry earth method is the better plan of the two, and assigns several reasons in support of his opinion, but he thinks

the present position of the latrine is too far from the main building and rather difficult of access for young children, and that it would be an improvement to have new latrines erected, as proposed, near the edge and below the level of the platform. He also suggests that a latrine should be provided for the servants.-

3 The Surgeon General considers that pipes for conveying the water from the reservoir to the asylum is a very pressing want as the open channel by which the water is at

1068/40

present conveyed is constantly defiled in many ways in its long and circuitous course -

The Committee in their remarks, embodied in letter from the Principal & Secretary Lawrence Asylum to the Chief Secretary to Government, are of opinion that their original proposal for a hospital is preferable to the alternative plans for the following reasons viz that a larger number of the boys suffer from diseases that require segregation - To carry out the views of the Surgeon General by having two

that I shd prefer the [illegible]

hospitals one for infectious diseases and the other for ordinary complaints would involve additional expenditure on account of establishment and contingencies. The Committee are therefore of opinion that by excluding all the sick from the main building by having a separate hospital would more than compensate the difference of Rs 2,000 between the estimate the original one, as sanctioned in G. O. No 1465 of d/30th May 1887 being Rs 18,200, and the alterations to old hospital and construction of a cottage hospital

being the boys :

The Committee point out that there is a probability of the number of boys being increased by the admission of the sons of volunteers into the Asylum and that the proposed expenditure regarding hospital accommodation will nearly exhaust all available funds —

The Committee submit a plan for the accommodation of 25 more girls which it is stated will cost Rs 20,000, the average cost of a girl is given at Rs 262 per annum therefore 90 girls (25 in excess of the present number would cost 23,580 per annum, the income is stated at Rs 18,500 or Rs 5,080 less than the contemplated expenditure, further that if the fixed deposit of Rs 24,000 were to be expended on buildings, the income would be reduced by Rs 800 to Rs 17,700 against an outlay of Rs 23,580 the Committee are consequently unable to recommend any extension to the present accommodation for girls.—

The Committee agree with the Surgeon General that it is not desirable to adopt the rock instead of the

100/42

dry earth system of dealing with excreta and further accept the view of the Surgeon General that a new site for the latrines is necessary.

The Committee are unable to express their views regarding the water supply project as the question is now before Govt.—

The Surgeon General's proposal to have a cottage hospital for infectious diseases only accords with the arrangements made in most other hospitals and will cost less than the proposal

Having asked the Surgeon General for his opinion, it should certainly be taken.

[illegible] I sh? prefer [illegible]

of the Committee to have one separate hospital for the treatment of all cases –

The Committee's argument that the number of boys will probably be increased by the admission of the sons of volunteers seems one sided as the rule that admits the children of volunteers into the Asylum must also include girls, and their argument as regards annual Expenditure applies to boys as well as to girls, so that if the funds were insufficient to meet the maintenance of 25 more girls

I quite agree with these remarks – From the papers it would seem probable that the number of boys will not increase – I think this point is referred to in the last yearly report on the Asylum

the same difficulty must necessarily be felt if there should be an increase in the number of boys –

The Estimates in some cases are only approximate and if the whole is to be sanctioned as one Estimate, which is the proper course they will have to go back to S.E. to be properly worked out.

The Estimate for the Water Supply has been revised and noted on.

The rates given are fair.

The only Estimate countersigned by S.E. & the Principal of the Asylum is that for laying

As money will not be available for some time to come for all the works, there seems no objection to the F.D. being sanctioned separately

on the water, the
other Estimates do not
bear the countersignatures
of these Officers —

13/12/87

L. W. Loveday

6201

C. No. 10021

ch. Secy 15-12-87

Recd to Ass

& Cm. Cy 12.1.88

Reminder sent to

A. Exe. En. C. 18.2.88

C. No. [illegible]

by [illegible]

P.W.C. No. 6201 –

(7)

1068/49

IV

So far as the pipes cisterns &c are concerned, the arrangements proposed seem quite satisfactory.

The Survey plan should be corrected, as the sizes of the pipes marked [illegible] 1 do not agree with the revised scheme —

With regard to the proposed bund, no information is given as to how the surplus water is to be disposed of. vide Cross section at site of bund, which might better have been termed longitudinal section of the bund?

I gather from the report that 4 streams out of the 6 which now supply the Asylum, are to be impounded, and the surplus water may pass into the two streams that are not interfered with. It may be that this point has been considered and settled; but in case it has of I mention^d it now.

16.8.87

The existing system is the water for supply of clothes, [illegible] as it will be fed by the 2 streams [illegible] caught by the reservoirs when overflow from the reservoirs the pipe must [illegible] clear of existing [illegible] a cistern at the boys [illegible] nearly 7 days supply School to [illegible] of water at 20 galls per head for which a 2" pipe will suffice and the estimate may be accepted.

1068/45

Lawrence Asylum Ootd

The S.E. IV Circle should be asked to submit detailed estimates for the following

	Approx Est.
Cottage Hospital	14000
Servants' Latrines	1200
Boys Do	3000
Alterations to Girls School, to accommodate 25 more girls	20,000

The Est of 12,350 Rs for the water supply having been approved by W in his note of 4-10-87 may be sanctioned.

The Ests for altering the Hospital Wards Rs 2000 and constructing an open drain Rs 500 may be sanctioned after these have been seen by the S.E. and the Principal of the Asylum

13.12.87

Circulate for orders. Note numbers of [illegible] approximate estimates were called for

[illegible] 14/12/87

CMW

1065/46

These papers do not seem to have come through the Madras office and W has apparently kept the plan with him or the Madras office has retained it on account of its size

D.M.
5 IV 88

This paper came to the Chief Secy by [illegible] — The plan is [illegible] attached — It has not been referred [illegible]
5 IV 88

Mr Lincoln

The plan referred to in para 2 of the draft order is not in the file. May I circulate the file without it.

Orr
5-4-88

P.T.O.

10/47

[illegible] 1 of [illegible]

Parts of 2 file
[illegible] not
have in hope [illegible]
covers - The file
has been [illegible]
in to 5 parts

Public Works Department

Read the following :-

From the Supdg. Engr. V Circle No. 330 S.W. d/ 8. 8. 87

" .. Principal & Secy. Lawrence Asylum No. 1235 d/ 3.12.87

FOR ORDERS

The water closet scheme need not be further considered.

As for the girls' extension there seems to be no money, since one way or another an outside hospital wh. will exhaust the funds in hand is considered essential.

I have no difficulty in coming to the conclusion that a single hospital costing 18000 is preferable to a cottage estimated at 14000 + repairs & alterations in the main building to cost 2000.

I suppose the only thing we can now do is to revive the sanction for the hospital wh. has been held in abeyance, and to submit the water supply project to India — I believe we are not supposed to find funds for this ourselves.

I did not myself consider the removal of the latrines urgently required & wd leave it to be considered by the new Committee to be appointed under the revised rules wh. will probably soon be ready.

P.P.H.
19 Jany

I agree with the Hon'ble

Hutchins

The estimates enclosed in these papers for works at the Lawrence Asylum Lovedale, have been submitted in compliance with G.O. No. 1970W dated 23rd July 1887.

The following is a brief description of the several estimates:—

I. Altering the existing hospital wards - Rs 2,000

II. Constructing a separate cottage hospital for infectious cases — - 14,000

III Constructing a latrine for the boys — .. 3,000

IV - Converting the present boys latrine into a servants' latrine - Rs 1200

V Constructing an open drain ——— - 500

VI Water supply scheme ——— - 12,350.

A plan is also submitted, showing how the girls' school may be enlarged to accommodate 25 more girls - the approximate cost is set down at Rs 20,000.

The Committee's views on the several suggestions made by Govt. in order No 1970 W. of 23 July 1887, are set forth in the Principal's letter of 3rd Decr. The orders of Govt are now solicited with respect to the Committee's remarks.

1065/49

The estimate for the water supply scheme was submitted to this office direct by the Supply Engr. - It has been countersigned by the Principal, but it appears from the last sentence of Mr Dene's letter of 3rd Decr, that it was not laid before the Committee - The scheme has been scrutinised in this office, & may be accepted as satisfactory.

JCU 14/12/87

19/12

---

the proposed alterations in the latrines including accommodation for servants as recommended by Dr Bidie.

As to the water supply project it seems sensible but I observe from para 3 of Colonel Beatty's letter of 8th August that the Military authorities objected to Major Smith's more extensive design: hence I infer that the same authorities must have their say on Mr de Winton's plan.

GM 20/1

I concur with the Hon'ble Mr Hutchins in preferring a single hospital; but the plan of the Ex. Engineer Nilgiri Divn dated 23rd March/87 appears to me to be very defective. There should in my opinion be no special wards in the main building and all wards should be provided with fire places.

In the climate of Ootacamund a Verandah on three sides of the building appears to me to be unnecessary.

A new latrine should be constructed for the boys their present latrine being converted into a Servants latrine.

The plan should in my opinion be referred to the new Committee.

I am decidedly opposed to any enlargement of the Girls' school.

C.G.A.

24.2.88.

FOR ORDERS

~~His Excy the Governor~~

2 His Excy the Commander

3 The Hon'ble Mr M

4 The Hon'ble Mr H

1069

Please put up the recent Educational order regarding the constitution of the Committee & the Conference generally

E.L.: Secy 15/12

The Hon Mr H. 21.XII

Received the Hon 12.1.88

31.1.88

No. 1069 W

Public Works Department.

1069/50

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 9 April

Read the following

From the Superintending Engineer IV Circle	H.E. No. 339 E.W. dd. 8th August 1887.
From the Principal and Secretary Lawrence Asylum	H.E. No. 1235 dated 3rd December 1887.

The estimates enclosed in these papers for works at the Lawrence Asylum Lovedale, have been submitted in compliance with G.O. No. 1970 W dated 23rd July 1887.

2. The following is a brief description of the several estimates:—

i	Altering the existing hospital wards	Rs 2000
ii	Constructing a separate Cottage hospital for infectious cases	14000
iii	Constructing a latrine for the boys	3000

iv .. Converting the present boys' latrine into a servants' latrine ... Rs. 1200

v .. Constructing an open drain ..... 500.

vi .. Water supply scheme - 12,350.

3 — A plan is also submitted, showing how the girls' school may be enlarged to accomodate 15 more girls. The approximate cost is set down at Rs 20,000.

4 — The Committee's views on the several suggestions made by Government in Order No. 1970 W. dated 23rd July 1887, are set forth in the Principal's letter of 3rd December 1887.

5 — With respect to estimates i and ii, the Government have no difficulty in coming to the conclusion

that

that a single hospital costing about Rs 18,000, is preferable to a cottage for infectious cases estimated at Rs 14,000, plus an expenditure of Rs 2000 for repairs and alterations in the main building. They are therefore of opinion that the sanction accorded in G.O. No. 1465 W. dated 30th May 1887, and subsequently held in abeyance for constructing a separate hospital for the boys' school should now be revived, but on considering the plan sanctioned in May 1887 it appears to the Government to be defective in some respects. There should in the opinion of the Government be no special wards in the main building and all wards should be supplied with fire places. In the climate of Ootacamund, a verandah on three sides of a building seems unnecessary.

6 ... Estimates III, IV, and V are approved, and the Government are of opinion that the Water Closet Scheme referred to in para 2 of G. O. No. 1970 W. dated 23rd July 1887 need not be further considered.

7 ... Estimate VI for a new water supply scheme, though countersigned by the Principal, does not appear to have been laid before the Asylum Committee. It has been examined in the Chief Engineer's office and may be accepted as satisfactory.

8. The proposal to enlarge the Girls' School will be dropped for the present, as it appears from the Principal's letter that no

funds

1065/52

funds are available for the work.

9 ... With these remarks, the plans and estimates now submitted, as well as those for a separate hospital for the Boys' school, will be referred for consideration to the new Committee recently appointed under orders in the Educational Department.

10 ... If the Water supply scheme be approved, the Government of India will be requested, as a special case to allot funds for its execution from the Military Works grant.

15-3.88

15/3/88

To:-

The Superintending Engineer IV Circle

" Educational Dept: with plans and estimates.

" Military Dept with copies of Proceedings No. 1465 W. d/ 30th May 1887 and 1970 W. d/ 23rd July 1887

(To Mr. Acting Secretary for favour of counter-initials)

14/4/88

4/4/88

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Govt. of [illegible] Madras

PUBLIC WORKS.

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B/6